EXECUTIVE SUMMARY

DELIVERING PUBLIC SAFETY THROUGH ARTIFICIAL INTELLIGENCE

Fifth Dimension Ltd.

OUR CORE VALUES

INTEGRITY
PEOPLE
EXCELLENCE
INNOVATION
EMPOWERMENT

FIFTH DIMENSION OVERVIEW

Fifth Dimension Ltd., headquartered in Tel Aviv, is a pioneering and leading provider of cyber solutions for cyber intelligence, cyber interception and cyber surveillance.
Our unique offering and technology allow transformation of massive scale data from multiple feeds into actionable intelligence utilizing artificial intelligence in an automated real-time manner.
Our solutions may be implemented in a variety of segments, such as intelligence organizations, LEA (lawful enforcement agencies) and millitary branches. These solutions are enabled by groundbreaking, sophisticated and innovative tools that collect, control, process and generate automated real-time alerts regarding multiple threats and suspicious activities. Our solutions are based on a multi-disciplinary approach that applies extremely advanced mathematics and proprietary software and algorithms developed by Fifth Dimension Ltd. R&D group.

OUR HIGHLY TALENTED TEAM

Our founding team and executive management is stellar and comprised of highly talented entrepreneurs, worldwide experts and acknowledged executives who have held very senior positions in their prior respective organizations – including major-general from the Israeli Mossad, other senior officers from elite IDF technology units (8200/81) and high level executives from global leading defense, intelligence and cyber large companies. Our R&D and Professional Services groups have an impressive proven track-record in developing and deploying complex technological products and services in the customers' environments.

THE CYBER INTELLIGENCE CHALLENGES

The success of national defense and protection of critical assets (physical or virtual) depends to a large extent on the relevant organization's ability to access, on a timely manner, extract and analyze all the available information.

The reality is that all organizations face extreme difficulty:

- Overwhelming data challenges: multiple sources, multiple formats (e.g. voice, video, text), multiple types (structured, unstructured)
- Huge challenges in analyzing the massive information and generating meaningful actionable intelligence.

"There could be an attack this afternoon or tomorrow. The real answer is that the threat has changed and it is ever-changing. New technology is needed to face these challenges. The Focus is deep analysis of the collection assets"

(Michael Hayden, former director of NSA and CIA)

The key intelligence challenges have shifted from the collection era to the integration & analysis era. The data overflow compromises the intelligence organizations' ability to extract insightful information.

- Intelligence integration is an absolute mess especially when it comes to non-standard and unstructured content
- Everything is considered a high-priority threat
- Hiring more analysts is not sufficient - organizations must learn to make sense of overwhelming amounts of data

However much [US tech companies] may dislike it, they have become the command and control networks of choice for terrorists and criminals, who find their services as transformational as the rest of us"

(Robert Hannigan, director of GCHQ)

The Cyber Intelligence solutions need to match these rapid and ongoing changes and the ability to gather, define and extract the information should be flexible and versatile: anywhere, anytime, any type of data.

TODAY'S OPERATIONAL CHALLENGES

- Asymmetric warfare: terrorists with low investment can pose a threat for big economies
- Globalization: threats, organizations and technologies are global
- Civil unrest: growing everywhere
- No defined borders: no geographical limitation
- Cyber warfare: an increasing threat

TODAY'S TECHNOLOGICAL CHALLENGES

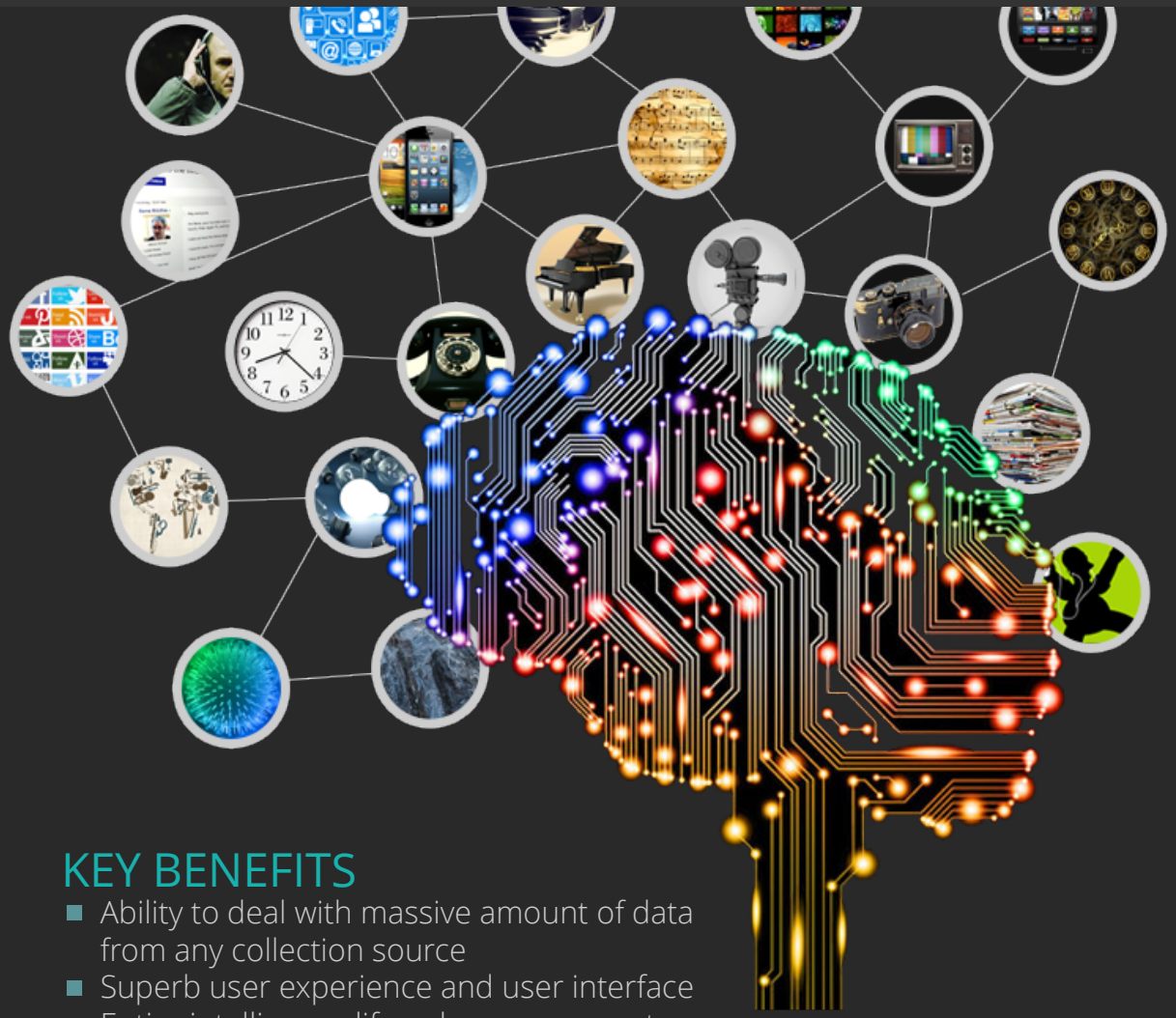
- Multiple data sources: information arrives from everywhere
- Mass data: more and more valuable data is created every day
- Open sourced data: huge quantities of data are now available freely
- Mobile communication: the use of cellular communication as well as tablets is growing rapidly

FIFTH DIMENSION PRODUCT

DATA ANALYSIS FROM ALL SOURCES TO ONE BRAIN

WHAT DOES OUR PRODUCT DO?

- Analyze massive data
- Optimize collection assets
- Generate real-time actionable intelligence
- Provide automatic and real-time threat evaluation
- Apply link analysis and advanced investigation tools



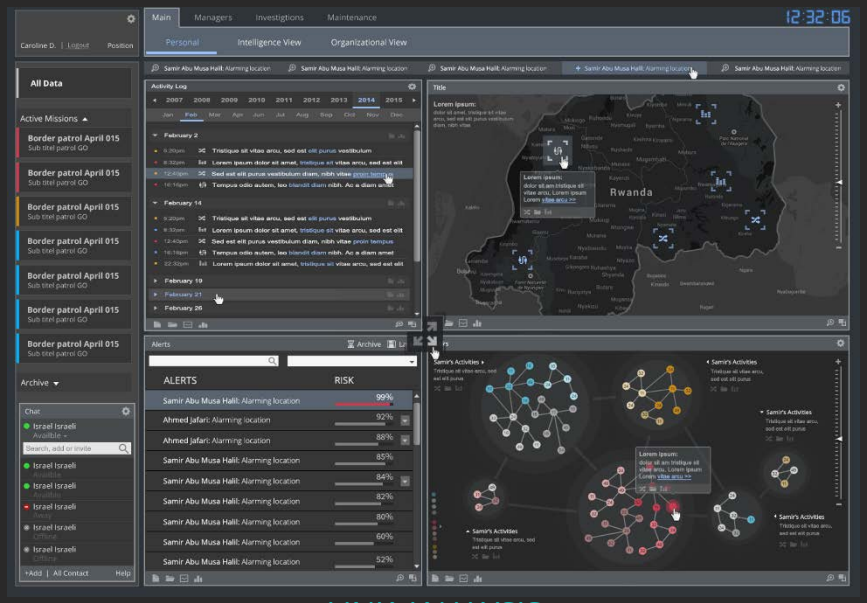
HOW DO WE DO IT?

- We develop and apply advanced mathematical Artificial Intelligence algorithms
- We integrate data from multiple sources anywhere, anytime, for any type of data
- We apply smart "brain" in order to perform link analysis and anomaly detection

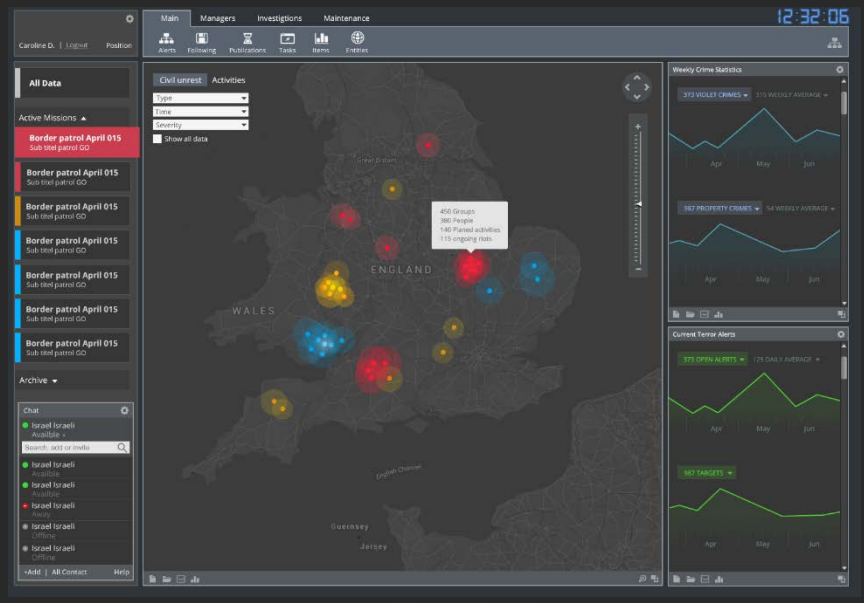
KEY BENEFITS

- Ability to deal with massive amount of data from any collection source
- Superb user experience and user interface
- Entire intelligence lifecycle management

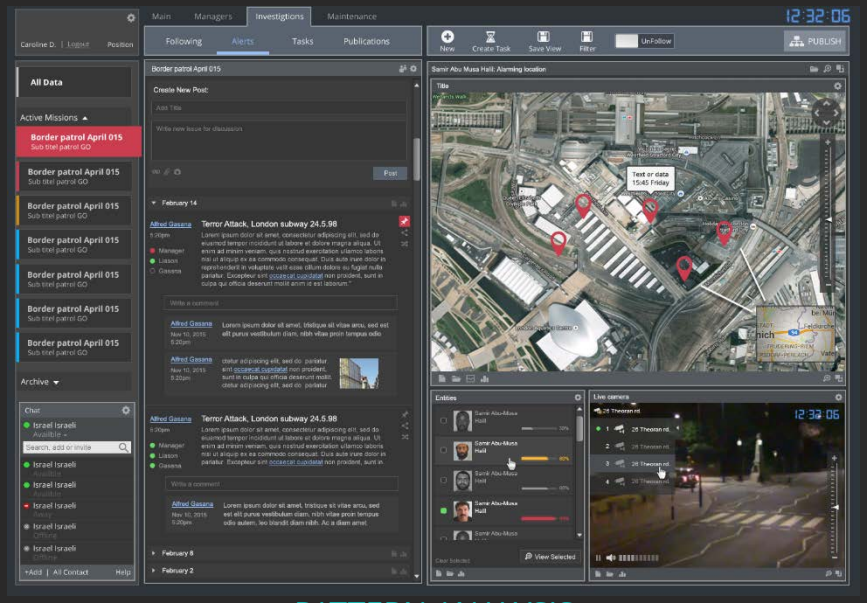
FIFTH DIMENSION PRODUCT UNIQUE ADDED-VALUE



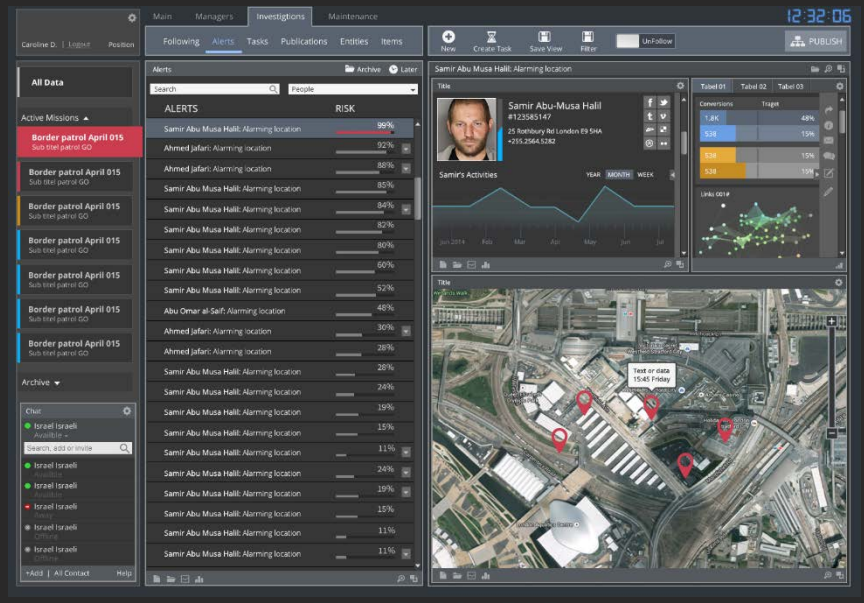
LINK ANALYSIS



LOCATION DATA



PATTERN ANALYSIS



TARGET PROFILE

FIFTH DIMENSION BREAKTHROUGH TECHNOLOGY

Innovative ability to process massive amounts of information together with the implementation of the most advanced predictive analysis methodologies open new horizons to intelligence agencies: real-time intelligence assessment anytime, anywhere, from any type of data. Designed to expose the hidden value buried in the mass of data intelligence organizations deal with, Fifth Dimension Ltd. product uses existing information of any type, any source and any format to provide automatic real time alerts and insights. Our product processes all type of data, including unstructured data e.g. from open source, traffic, structured identity data, link charts, spreadsheets, telephones, documents, network data, sensor data, videos, images, credit cards, borders, IDs, health care, SIGINT, UMINT, GEOINT, shipments etc.

All important data can be processed, indexed and linked to any other relevant information.

Our product offers easy and convenient access to massive data, converts mass piles of information into usable and accessible operational insights, and enables:

- Optimization of all collection assets in one brain
- Link analysis & anomaly detection based on Neural Networks
- Smart intelligence investigation & search capabilities
- Automatic threat evaluation, real-time alerts and intelligent awareness